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>Title: JP6228894A2: METHOD FOR TREATING POLYOLEFIN-LAMINATED PAPER

Derwent Title: Treating used paper of polyolefin laminate to recover pulp - by adding alkali, heating, crude and fine scouring, diluting and air floating
[\[Derwent Record\]](#)

Country: JP Japan

Kind: A

Inventor: KOIKE TADASHI;
 YOKOI AKIRA;
 TOIYAMA IWAO;



Assignee: NEW OJI PAPER CO LTD
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Published / Filed: 1994-08-16 / 1993-01-29



Application Number: JP1993000013621

IPC Code: D21C 5/02;

Priority Number: 1993-01-29 JP1993000013621

Abstract: PURPOSE: To recover pulp effectively and economically by disaggregating polyolefin-laminated waste paper through alkali addition followed by roughing and cleaning and then floating treatment under specified conditions.

CONSTITUTION: A pulper is charged with polyolefin-laminated waste paper such as multi-printed double-side polyethylene-laminated paper for milk packs followed by adding an alkali such as sodium hydroxide and a deinking agent to the pulper to disaggregate the waste paper at a concentration of 10-15wt.% under warming. The waste paper disintegrated is then put to roughing and cleaning using a gauze screen and diluted to a concentration of 0.5-0.85wt.% followed by floating treatment at a ratio of air feed GNm³ to the amount of pulp slurry Lm³: G/L of ≥5 to effectively removing plastic chips, thus recovering deinked pulp.

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Family: None

Other Abstract Info: CHEMABS 122(06)058600Z CAN122(06)058600Z DERABS C94-300349
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